

**In the Claims:**

Please amend the claims as follows. This claim set is to replace all prior versions.

1. (Previously Presented) A method for preparing a metal sulfide film, comprising the steps of providing metal halide as a first raw material and a thioamide compound as a second raw material, vaporizing the metal halide and the thioamide compound, and reacting the metal halide with the thioamide compound in a film forming section heated to from 375 to 425°C to form the metal sulfide film on a substrate.

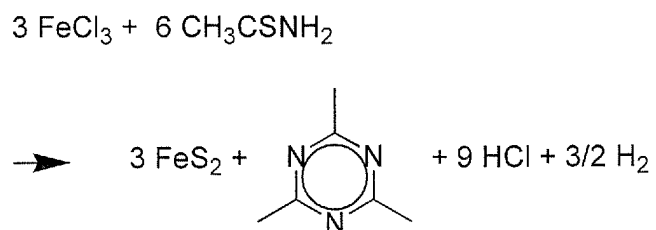
2-7. (Canceled)

8. (Currently Amended) A method for preparing a metal sulfide film, comprising the steps of vaporizing metal halide and a thioamide compound, and reacting the metal halide with the thioamide compound in a heated film forming section to produce the metal sulfide film on a substrate as well as a triazine compound from the thioamide compound, wherein the step of reacting is performed in the film forming section heated to from 375°C to 425°C.

9. (Canceled)

10. (Previously Presented) The method for preparing a metal sulfide film according to Claim 8, wherein the thioamide compound is thioacetamide, the triazine compound is trimethyltriazine, and the step of reacting accompanies formation of sulfur as a simple substance.

11. (Previously Presented) A method for preparing a metal sulfide film according to Claim 8, wherein an iron sulfide film is formed by a reaction represented by the following formula:



12. (Canceled.)

13. (Previously Presented) The method for preparing an iron sulfide film according to Claim 1, wherein the metal halide is iron halide and the metal sulfide film is pyrite  $\text{FeS}_2$  film.

14. (Canceled.)

15. (Previously Presented) The method for preparing an iron sulfide film according to Claim 8, wherein the metal halide is iron halide and the metal sulfide film is pyrite  $\text{FeS}_2$  film.